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UNIVERSITY
OF
PENNSYLVANIA.

Catalogue for Session 1892-'93

AND

Announcement for Session 1893-'94.

Department of Dentistry.

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PHILADELPHIA:
UNIVERSITY OF PENNSYLVANIA FOR THE UNIVERSITY.
1893.



UNIVERSITY OF PENNSYLVANIA.
Medical and Dental Department.

W. W. B. 1870

UNIVERSITY
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1892.**JULY.**

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UNIVERSITY CALENDAR FOR 1892-1893.

1892.

Sept. 26, Monday,	Entrance Examinations, College Department, begin, 9 A. M.
“ 30, Friday,	Announcement of Results of Entrance Examinations, 12 M.
Oct. 3, Monday,	First Term begins : College Department, 10 A.M.
“ 3, Monday,	Winter Session begins : Departments of Medicine, Dentistry, Veterinary Medicine and Auxiliary Medicine, 12 M.
“ 3, Monday,	First Term begins : Course in Music, 2 P.M.
“ 3, Monday,	First Term begins : Department of Law, 4 P.M.
Nov. 23, Wednesday,	Thanksgiving Holiday begins : College Department, 5 P.M. Departments of Medicine, Dentistry and Veterinary Medicine, 5.30 P.M.
“ 28, Monday,	Thanksgiving Holiday ends, 9 A.M.
Dec. 23, Friday,	Christmas Recess begins : College Department and Department of Law, 5 P.M. Departments of Medicine, Dentistry and Veterinary Medicine, 5.30 P.M.

1893.

Jan. 3, Tuesday,	Christmas Recess ends, 9 A.M., Medical, Dental, and Veterinary Departments.
“ 4, Wednesday,	Christmas Recess ends, 9 A.M., College Dep't.
“ 16, Monday,	Mid-Year Examinations begin : College Department, 9 A.M.
Feb. 1, Wednesday,	Second Term begins : College and Law Departments, 9 A.M.
“ 22, Wednesday,	Washington's Birthday. Holiday, all Departments ; University Day, at the University.
Mar. 29, Wednesday,	Easter Holiday begins : College Department, 5 P.M.
April 5, Wednesday,	Easter Holiday ends, 9 A.M.
“ 28, Friday,	Last day for receipt of Theses and Prize Essays, College Department.
May 1, Monday,	Senior Examinations begin : College Department, 9 A.M.
“ 10, Wednesday,	Commencement : Departments of Medicine and Dentistry.

- June 14, Wednesday, Announcement of Results of Examinations · College Department, 10 A.M.
- “ 15, Thursday, Commencement: College Department, and Departments of Law, Veterinary Medicine, and Philosophy, 11 A.M.
- “ 19, Monday, Entrance Examinations begin: College Department, 9 A.M.
- “ 22, Thursday, Examinations for advanced Standing: College Department, 9 A.M.
- “ 23, Friday, Announcement of Results of Entrance Examinations: College Department, 12 M.

SUMMER VACATION.

- Sept. 11, Monday, Entrance Examinations begin: College Department, 9 A.M.
- “ 16, Saturday, Announcement of Results of Entrance Examinations, 12 M.
- “ 27, Wednesday, Competitive Examination for Medical Scholarships, 12 Noon.
- “ 27, Wednesday, Registration of all Students, College Department.
- “ 28, Thursday, Examinations for Admission to Advanced Standing and Re-examinations of Undergraduates: Departments of Medicine and Dentistry, 12 Noon.
- “ 29, Friday, First Term begins: College Department and Department of Philosophy, 10 A.M.
- “ 29, Friday, First Term begins: Course in Music, 2 P.M.
- “ 29, Friday, Entrance Examination: Departments of Medicine and Veterinary Medicine, 12 Noon.
- Oct. 2, Monday, Winter Session begins: Departments of Medicine, Dentistry, Veterinary Medicine, Auxiliary Medicine, 12 M.
- “ 2, Monday, First Term begins: Department of Law, 9 P.M.
- Nov. 29, Wednesday, Thanksgiving Holiday begins: All Departments, 5 P. M.
- Dec. 22, Friday, Christmas Recess begins: College Department, Department for Women, and Department of Law, 5 P.M. Departments of Medicine, Dentistry, and Veterinary Medicine, 5.30 P.M.

1894.

- Jan. 3, Wednesday, Christmas Recess ends: All Departments, 9 A.M.
- “ 31, Wednesday, First Term ends: College Department and Department of Law.

University of Pennsylvania.

A pamphlet, called : *Proposals Relative to the Education of Youth in Pennsylvania*, written in 1749 by Dr. FRANKLIN, led to an association by certain citizens of Philadelphia, for the purpose of founding a School on the lines suggested by that wise counsellor. Over two thousand pounds, equivalent to at least forty thousand dollars at the present time, were raised ; a building, which had been erected to accommodate the thronged congregations of the celebrated Whitfield, was purchased ; and in 1751 the Academy, consisting of an English, a Mathematical, and a Latin School, each under a Master, with subordinate tutors and ushers, was formally opened. So successful was the undertaking that in two years the Trustees applied to the Proprietaries for a Charter, which was thus granted :—

THOMAS PENN and RICHARD PENN, true and absolute proprietors and governors in chief of the province of Pennsylvania and counties of Newcastle, Kent and Sussex, on Delaware, To all persons to whom these presents shall come, greeting : *Whereas*, the well-being of a society depends on the education of their youth, as well as, in great measure, the eternal welfare of every individual, by impressing on their tender minds principles of morality and religion, instructing them in the several duties they owe to the society in which they live, and one towards another, giving them the knowledge of languages, and other parts of useful learning necessary thereto, in order to render them serviceable in the several public stations to which they may be called. *And whereas*, it hath been represented to us by Thomas Lawrence, William Allen, John Inglis, Tench Francis, William Masters, Lloyd Zachary, Samuel M'Call, junior, Joseph Turner, Benjamin Franklin, Thomas Leech, William Shippen, Robert Strettell, Philip Syng, Charles Willing, Phineas Bond, Richard Peters, Abraham Taylor, Thomas Bond, Joshua Maddox, William Plumsted, Thomas White, William Coleman, Isaac Norris, and Thomas Cadwalader, of our city of Philadelphia, gentlemen, that for the erecting, establishing, and maintaining an academy within our said city, as well to instruct youth for reward, as poor children whose indigent and helpless circumstances

demand the charity of the opulent part of mankind, several benevolent and charitable persons have generously paid, and by subscriptions promised hereafter to pay, into their hands as trustees, for the use of the said academy, divers sums of money, which sums already paid, they, the said trustees, have expended in the purchase of lands well situated, and a building commodious for the uses aforesaid, within our said city in maintaining an academy there as well for the instruction of poor children on charity, as others whose circumstances have enabled them to pay for their learning, for some time past, and in furnishing the said academy with books, maps, mathematical instruments, and other necessities of general use therein, according to the intentions of the donors. *And whereas*, the said trustees to facilitate the progress of so good a work, and to perfect and perpetuate the same, have humbly besought us to incorporate them and their successors.

Now know ye, That we favouring such pious, useful, generous, and charitable designs, hoping, through the favour of Almighty God, this academy may prove a nursery of virtue and wisdom, and that it will produce men of dispositions and capacities beneficial to mankind in the various occupations of life; but more particularly suited to the infant state of North America in general, and for other causes and considerations us hereto specially moving, *have granted*, ordained, declared, constituted, and appointed, and by these presents *we do* for us, our heirs, and successors grant, ordain, declare, constitute, and appoint, That the said Thomas Lawrence, and others, as before recited, and such others, as shall be from time to time chosen, nominated or elected in their place and stead, shall be one community, corporation and body politic, to have continuance for ever, by the name of The Trustees of the Academy and Charitable School in the Province of Pennsylvania.

In witness whereof, we have caused these our letters to be made patent; in the twenty-seventh year of the reign of our sovereign lord, George the second, who now is king of Great Britain, France, and Ireland, etc., and in the year of our Lord, one thousand, seven hundred and fifty-three.

Under the skillful training of the learned Rev. William Smith the highest class in this Academy attained that proficiency which, in a College course, would entitle it to a Degree. Accordingly, two years later the Proprietaries were again petitioned to convert the Academy into a College with the power of conferring Collegiate Degrees. The petition was granted substantially as follows:

Thomas Penn and Richard Penn, true and absolute proprietaries of

the province of Pennsylvania, etc., to all persons to whom these presents shall come, greeting :

And whereas, the said trustees have, represented, That since our granting our said recited charter, the academy therein mentioned, by the blessing of Almighty God, is greatly improved, being now well provided with masters, not only in the learned languages, but also in the liberal arts and sciences, and that one class of hopeful students has now attained to that station in learning and science, by which, in all well-constituted seminaries, youth are entitled to their first *degree*. *Now know ye also*, That we do hereby, for us, our heirs and successors, give and grant full power and authority to the said trustees and their successors, to constitute and appoint a Provost and Vice-Provost of the said college and academy, who shall be severally named and styled Provost and Vice-Provost of the same. And also to nominate and appoint professors in all the liberal arts and sciences, the ancient languages and the English tongue, which Provost, Vice-Provost, and Professors, so constituted and appointed, shall be known and distinguished as one body and faculty, by the name of *The Provost, Vice-Provost, and Professors of the College and Academy of Philadelphia, in the province of Pennsylvania* ; and by that name shall be capable of exercising such powers and authorities as the said trustees and their successors shall think necessary to delegate to them, for the discipline and government of the said college, academy, and charitable school : *Provided always*, That the said trustees the Provost and Vice-Provost, and each Professor, before they shall exercise their several and respective powers or authorities, offices, and duties, do and shall take and subscribe the three first written oaths appointed to be taken and subscribed, in and by one act of Parliament, passed in the first year of the reign of our late sovereign lord, George the first, intituled, An Act for the further security of his Majesty's Person and Government ; and the Succession of the Crown in the Heirs of the late Princess Sophia, being protestants, and for extinguishing the hopes of the pretended Prince of Wales, and his open and secret abettors ; and shall also make and subscribe the declaration appointed to be made and subscribed by one other act of parliament, passed in the twenty-fifth year of the reign of king Charles the second, intituled, An Act for preventing dangers which may happen, etc. excepting only the people called Quakers, who, upon taking, making, and subscribing the affirmations and declarations appointed to be taken, made, and subscribed, by the acts of General Assembly of the province of Pennsylvania, to qualify them for the exercise of civil offices, shall be admitted to the

exercise of all and every the powers, authorities, offices, and duties above mentioned, any thing in this provision to the contrary notwithstanding. . . . *And we do hereby*, at the desire and request of the said trustees, constitute and appoint the Reverend William Smith, M.A., to be the first and present Provost of the said college and academy, and the Reverend Francis Allison, M.A., to be the first and present Vice-Provost of the same. . . . *And we do further, for us, our heirs and successors, give and grant to the trustees of the said college and academy*, That for animating and encouraging the students thereof to a laudable diligence, industry, and progress in useful literature and science, they and their successors, met together on such day or days as they shall appoint for that purpose, shall have full power and authority, by the provost, . . . to admit any the students within the said college and academy, or any other person or persons meriting the same, to any degree or degrees, in any of the faculties, arts, and sciences, to which persons are usually admitted, in any or either of the universities or colleges in the kingdom of Great Britain. . . . *Provided always*, and it is hereby declared to be our true meaning and express will, That no student or students, within the said college and academy, shall ever, or at any time or times hereafter, be admitted to any degree or degrees, until such student or students have been first recommended and presented as worthy of the same, by a written mandate, given under the hands of at least thirteen of the trustees of the said college and academy

In testimony whereof, we have caused these our letters to be made patent, and the great seal of our said province to be hereunto affixed this fourteenth day of May, in the twenty-eighth year of the reign of our sovereign lord, George the second, king of Great Britain, France, and Ireland, etc., and in the year of our Lord, one thousand seven hundred and fifty-five.

The First Commencement was held May 17th, 1757, when Paul Jackson, Jacob Duché, Francis Hopkinson, Samuel Magaw, Hugh Williamson, James Latta, and John Morgan received the Degree of Bachelor of Arts. In the agitated times that followed, during the wars with the French, the Provost, Mr. Smith, opposed so vehemently the non-resistance policy of the legislature of Pennsylvania, that by an arbitrary stretch of power he was thrown into prison. In faithfulness to his duties as Provost, however, he received his classes in gaol, and continued his instructions to them there while still a prisoner. Finally he was set at liberty, for the purpose of going to England to make a personal appeal to the king, and his kindly reception there was not lessened by the strain to which his loyalty at home

had been put. Oxford conferred on him the Degree of Doctor of Divinity. On his return home so highly did his fellow-citizens rate his influence abroad, that when in 1761 the Trustees were hard bestead they sent him back to England to raise funds for an endowment. It happened that King's College (now Columbia) in New York was in similar straits and had resolved on similar efforts. The two commissioners met in England and amicably⁹ resolved to "divide the land between them," and share the proceeds. Through the influence of the Archbishop of Canterbury they received a circular letter from the king to all churches, and succeeded in raising a very considerable endowment for each college.

On Dr. Smith's return, as it appears on the minutes of the 14th of June, 1764, a letter was received from the Archbishop of Canterbury, Thomas and Richard Penn, and the Rev. Samuel Chandler, D.D., addressed to the trustees, in which the trustees are congratulated on the success of Dr. Smith's, the provost's, collection in England, and advised of what would be further necessary to the due improvement of the collection and the future prosperity of the institution. "That the institution was originally founded and carried on for the general benefit of a mixed body of people—that on the king's brief it is represented as a seminary that would be of great use for securing capable instructors and teachers, as well for the service of the society for propagating the gospel in foreign parts, as for other protestant denominations in the colonies.—That at the time of making the collection, the provost was a clergyman of the Church of England—the vice-provost, a Presbyterian—a principal professor, a Baptist, with other useful professors and tutors, all carrying on the education of youth with great harmony, and people of various denominations have heretofore contributed liberally and fully.—That jealousies had arisen lest the foundation should be narrowed, and some party exclude the rest, or put them on a worse footing than they have been or were at the time of the collection, which would be unjust and productive of contentions unfriendly to religion. It was therefore recommended to the trustees, by the writers of the letter (who had a principal share in procuring the collection), to make a fundamental rule or declaration, to prevent inconvenience of this kind, and in doing which, they were advised that the more closely they kept in view the plan on which the seminary was at the time of the royal brief, and on which it was carried on from the beginning, so much the less cause would any party have to be dissatisfied."

A committee having been appointed to frame a fundamental *Resolve*

or declaration, in consequence of the letter, the following was reported and adopted :

“The trustees being ever desirous to promote the peace and prosperity of this seminary, and to give satisfaction to all its worthy benefactors, have taken the above letter into their serious consideration, and perfectly approving the sentiments therein contained, do order the same to be inserted in their books, that it may remain perpetually *declaratory* of the present *wide* and excellent plan of this institution, which hath not only met with the approbation of the great and worthy personages above mentioned, but even the royal patronage of his majesty himself. They further *declare* that they will keep this plan closely in their view, and use their *utmost endeavors* that the same *be not narrowed*, nor the members of the church of England, or those dissenting from them (*in any future election to the principal offices mentioned in the aforesaid letter*), be put on *any worse footing* in this seminary, than they were *at the time of obtaining the royal brief*. They subscribe this with their names, and ordain that the same be read and subscribed by every new trustee that shall hereafter be elected, before he takes his seat at the board.”

Perhaps no more striking instance can be given of the distortion to which men's minds were subject in those days of political commotion than the fact that in 1779 this resolution was construed by the Legislature into a “narrowing of the foundation,” and seized as a pretext for confiscating all the rights and properties of the College, which were bestowed upon a new organization called in its charter the “Trustees of the University of the State of Pennsylvania.” Ten years later, these rights and properties were all restored, and in 1791 an act was passed amalgamating the old College in the new University, as follows :

WHEREAS, the trustees of the University of the State of Pennsylvania, and the trustees of the College, Academy, and Charitable School of Philadelphia, in the commonwealth of Pennsylvania, by their several petitions have set forth, that they have agreed to certain terms of union of the said two institutions, which are as follows :

First. That the name of the institution be “*The University of Pennsylvania*,” and that it be stationed in the city of Philadelphia.

Second. That each of the two boards shall elect, from among themselves, twelve persons, who, with the governor for the time being, shall constitute the board of trustees of the University of Pennsylvania ; and that the governor shall be president.

Sect. 2. *And be it further enacted*, That the said twenty-four persons so elected and certified, together with the governor for the time

being, who shall always be president, and their successors, be, and they are hereby made and constituted a corporation and body politick, in law and in fact, to have continuance for ever by the aforesaid name, style, and title of "The Trustees of the University of Pennsylvania," and that the said University shall at all times be stationed in the city of Philadelphia.

Thus established, the University has advanced with the times, and now comprises the following departments :

THE COLLEGE DEPARTMENT, Including

THE COURSE IN ARTS,

THE COURSES IN SCIENCE,

(The Towne Scientific School),

THE COURSE IN ARCHITECTURE.

THE COURSES IN NATURAL HISTORY,

(The School of Biology),

THE COURSE IN FINANCE AND ECONOMY,

(The Wharton School),

THE COURSE IN MUSIC.

THE DEPARTMENT OF MEDICINE.

THE UNIVERSITY HOSPITAL.

THE DEPARTMENT OF LAW.

THE AUXILIARY DEPARTMENT OF MEDICINE.

THE DEPARTMENT OF DENTISTRY.

THE DEPARTMENT OF PHILOSOPHY.

THE DEPARTMENT OF VETERINARY MEDICINE.

THE DEPARTMENT OF PHYSICAL EDUCATION.

THE MUSEUM OF ARCHÆOLOGY AND PALÆONTOLOGY

THE LABORATORY OF HYGIENE.

THE GRADUATE DEPARTMENT FOR WOMEN.

THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY.

PROVOST OF THE UNIVERSITY,
WILLIAM PEPPER, M.D., LL.D.,
President *pro tempore* of the Board of Trustees.

TRUSTEES.

THE GOVERNOR OF PENNSYLVANIA, *ex-officio* President of
the Board.

FREDERICK FRALEY, LL.D.,
REV. CHARLES W. SCHAEFFER, D.D., LL.D.,
WILLIAM SELLERS,
J. VAUGHAN MERRICK,
RICHARD WOOD,
S. WEIR MITCHELL, M.D., LL.D.,
CHARLES C. HARRISON,
REV. GEORGE DANA BOARDMAN, D.D., LL.D.,
WILLIAM HUNT, M.D.,
HORACE HOWARD FURNESS, Ph.D., LL. D.,
WHARTON BARKER,
SAMUEL DICKSON,
HON. JOHN SCOTT,
JAMES MACALISTER, LL.D.,
JOHN C. SIMS,
HENRY H. HOUSTON,
JOSEPH D. POTTS,
HON. HENRY REED,
HON. SAMUEL W. PENNYPACKER, LL.D.,
RT. REV. OZI WILLIAM WHITAKER, D.D.,
JOHN BARNARD GEST,
JOSEPH S. HARRIS,
WALTER GEORGE SMITH,

REV. JESSE Y. BURK, Secretary, University.
EDWARD W. MUMFORD, Assistant Secretary, University.
RICHARD WOOD, Treasurer *pro tem.*, 400 Chestnut St.

UNIVERSITY CHAPLAINS.

THE REV. GEORGE DANA BOARDMAN, D.D., LL.D.

THE REV. J. A. M. CHAPMAN, D.D.

THE REV. CHARLES WOOD, D.D.

THE REV. ADOLPH SPAETH, D.D.

THE REV. LEVERETT BRADLEY.

CHAIRMEN OF STANDING COMMITTEES.

WAYS AND MEANS :

MR. HARRISON 400 Chestnut Street.

BUILDINGS, ESTATES AND PROPERTY :

MR. WOOD 400 Chestnut Street.

LIBRARY :

DR. FURNESS 222 West Washington Square.

DEPARTMENT OF ARTS :

MR. FRALEY 1000 Walnut Street.

DEPARTMENT OF MEDICINE :

DR. MITCHELL 1524 Walnut Street.

DEPARTMENT OF LAW :

MR. SCOTT 243 South Fourth Street.

DEPARTMENT OF SCIENCE :

MR. MERRICK Roxborough.

DEPARTMENT OF FINANCE AND ECONOMY :

MR. BARKER 429 Chestnut Street.

DEPARTMENT OF VETERINARY MEDICINE :

DR. HUNT 1300 Spruce Street.

DEPARTMENT OF PHYSICAL EDUCATION :

MR. SIMS 233 South Fourth Street.

DEPARTMENT OF BIOLOGY :

DR. MACALISTER Drexel Institute.

DEPARTMENT OF PHILOSOPHY :

MR. FRALEY 1000 Walnut Street.

DEPARTMENT OF DENTISTRY :

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OFFICERS.*

	Residence.
WILLIAM PEPPER, M.D., LL.D., PROVOST OF THE UNIVERSITY.	1811 Spruce St.
E. OTIS KENDALL, LL.D., VICE-PROVOST.	3826 Locust St.
FRANCIS A. JACKSON, A.M., Professor of the Latin Language and Literature.	University.
E. OTIS KENDALL, LL.D., THOMAS A. SCOTT Professor of Mathematics, and Honorary Dean of the College Faculty.	3826 Locust St.
J. PETER LESLEY, LL.D., Emeritus Professor of Geology and Mining.	1008 Clinton St.
RICHARD A. F. PENROSE, M.D., LL.D., Emeritus Professor of Obstetrics and of the Dis- eases of Women and Children.	1331 Spruce St.
ALFRED STILLÉ, M.D., LL.D., Emeritus Professor of the Theory and Practice of Medicine and of Clinical Medicine.	3900 Spruce St.
HARRISON ALLEN, M.D., Professor of Zoölogy and Comparative Anatomy.	1933 Chestnut St.
HORATIO C. WOOD, M.D., LL.D., Professor of Materia Medica, Pharmacy and General Therapeutics, and Clinical Professor of Nervous Diseases.	1925 Chestnut St.
CHARLES J. STILLÉ, LL.D., Emeritus JOHN WELSH CENTENNIAL Professor of History and English Literature.	2201 St. James' Place.
OSWALD SEIDENSTICKER, PH.D. (Göttingen), Litt.D., Professor of the German Language and Literature.	309 S. 40th St.
J. I. CLARK HARE, LL.D., Emeritus Professor of the Institutes of Law, including, inter alia, International, Constitu- tional, Commercial and Civil Law.	118 S. 22d St.
GEORGE F. BARKER, PH.B., M.D., Professor of Physics.	3909 Locust St.

* Arranged, except Provost and Vice-Provost, in order of accession to office.

- WILLIAM PEPPER, M.D., LL.D.,
Professor of the Theory and Practice of Medicine
and of Clinical Medicine. 1811 Spruce St.
- WILLIAM GOODELL, M.D.,
Professor of Gynæcology. 1418 Spruce St.
- WILLIAM F. NORRIS, M.D.,
Professor of Ophthalmology, and Clinical Pro-
fessor of Diseases of the Eye. 1526 Locust St.
- JAMES PARSONS, A.M.,
Professor of Commercial Law, Contracts, and
Decedents' Estates. 1534 Locust St.
- JAMES TYSON, M.D.,
Professor of Clinical Medicine. 1506 Spruce St.
- LOUIS A. DUHRING, M.D.,
Clinical Professor of Skin Diseases. 1411 Spruce St.
- HUGH A. CLARKE, Mus. Doc.,
Professor of the Science of Music. 223 S. 38th St.
- JOSEPH T. ROTHROCK, B.S., M.D.,
Professor of Botany. West Chester, Pa.
- THEODORE G. WORMLEY, M.D., LL.D.,
Professor of Chemistry and Toxicology. 1409 Spruce St.
- JOHN ASHHURST, JR., M.D.,
JOHN RHEA BARTON Professor of Surgery, and
Professor of Clinical Surgery. 2000 W. De Lancey Place.
- CHARLES J. ESSIG, M.D., D.D.S.,
Professor of Mechanical Dentistry and Metal-
lurgy. 1700 Locust St.
- EDWIN T. DARBY, M.D., D.D.S.,
Professor of Operative Dentistry and Dental His-
tology. 1513 Walnut St.
- MORTON W. EASTON, PH.D. (Yale),
Professor of Comparative Philology, and Adjunct
Professor of Greek. 224 S. 43d St.
- JAMES TRUMAN, D.D.S.,
Professor of Dental Pathology, Therapeutics and
Materia Medica, and Dean of the Dental
Faculty. 3243 Chestnut St.
- EDMUND J. JAMES, PH.D. (Halle),
Professor of Finance and Administration. 3722 Locust St.
- JOHN BACH McMASTER, A.M.,
Professor of American History. Highland Ave., Chestnut Hill.
- GEORGE TUCKER BISPHAM, A.M.,
Professor of Equity Jurisprudence. 402 Walnut St.

- * ROBERT MEADE SMITH, M.D.,
Professor of Comparative Physiology. 332 S. 21st St.
- HORACE JAYNE, M.D.,
Professor of Vertebrate Morphology, and Dean
of the College Faculty, and of the Faculty of
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Professor of Hebrew. 162 W. 105th St., New York.
- JOHN A. RYDER, PH.D.,
Professor of Comparative Embryology. 311 S. 40th St.
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Professor of American Archæology and Lin-
guistics. 2041 Chestnut St.
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Antiquities. 403 S. 41st St.
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Professor of the Anatomy and Physiology of
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Professor of the Greek Language and Literature. 4403 Osage Ave.

- SIMON N. PATTEN, PH.D. (Halle),
Professor of Political Economy. 221 De Kalb Square.
- FELIX E. SCHELLING, A.M.,
Professor of English Literature. 3928 Sansom St.
- EDGAR F. SMITH, PH.D. (Göttingen),
Professor of Chemistry. 115 S. 34th St.
- JOHN GUITÉRAS, M.D.,
Professor of General Pathology and Morbid
Anatomy. 3914 Sansom St.
- DE FOREST WILLARD, M.D.,
Clinical Professor of Orthopædic Surgery. 1601 Walnut St.
- GEORGE A. PIERSOL, M.D.,
Professor of Anatomy. 48th St. and Chester Ave.
- JOHN H. MUSSER, M.D.,
Assistant Professor of Clinical Medicine.
N. E. cor. 40th and Locust Sts.
- SAMUEL S. HOLLINGSWORTH, A.M.,
Professor of the Law of Contracts and Corpora-
tions, and Pleading at Law. 714 Walnut St.
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Professor of Criminal Law. 431 Walnut St.
- ARTHUR W. GOODSPEED, PH.D.,
Assistant Professor of Physics. 3606 Chestnut St.
- GEORGE E. FISHER, A.B.,
Assistant Professor of Mathematics.
6032 Cresheim Road, Chestnut Hill.
- JOHN MARSHALL, M.D., NAT. SC.D. (Tübingen),
Assistant Professor of Chemistry, and Dean of
the Medical and Veterinary Faculties. 1409 Spruce St.
- EDWIN S. CRAWLEY, PH.D.,
Assistant Professor of Mathematics.
Springfield Ave., Chestnut Hill.
- SIMON J. J. HARGER, V.M.D.,
Professor of Veterinary Anatomy and
Zoötechnics. 205 N. 20th St.
- EDWARD D. COPE, PH.D.,
Professor of Mineralogy and Geology. 2102 Pine St.
- GEORGE H. HORN, M.D.,
Professor of Entomology. 874 N. 4th St.
- JOHN S. BILLINGS, M.D., LL.D.,
PEPPER Professor of Hygiene, Director of the
Hospital, and of the Laboratory of Hygiene. University.
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Clinical Professor of Diseases of Children. 123 S. 18th St.
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Assistant Professor of Applied Anatomy. 120 S. 18th St.
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Clinical Professor of Genito-Urinary Diseases. 415 S. 15th St.
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Assistant Professor of the Theory and Practice
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Professor of General Biology. University.
- JAMES HARVEY ROBINSON, PH.D. (Freiburg i. B.),
Associate Professor of History. 4504 Chester Ave.
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- JOHN WELSH CENTENNIAL, Professor of History and
English Literature.
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Lecturer on Architecture. 328 Chestnut St.
- ROLAND G. CURTIN, M.D.,
Lecturer on Physical Diagnosis, and Assistant
Physician in University Hospital. 22 S. 18th St.
- CHARLES K. MILLS, M.D.,
Lecturer on Mental and Nervous Diseases. 1909 Chestnut St.
- SAMUEL D. RISLEY, M.D.,
Lecturer on Ophthalmology. 1722 Walnut St.

ADOLPH W. MILLER, M.D., Lecturer on Materia Medica and Pharmacy, and Instructor in Practical Pharmacy.	860 N. 5th St
CARL SEILER, M.D., Lecturer on Laryngology.	1204 Walnut St.
ALBERT L. A. TOBOLDT, M.D., Assistant Instructor in Practical Pharmacy.	822 North Broad St.
HENRY R. WHARTON, M.D., Demonstrator of Surgery, and Lecturer on the Surgical Diseases of Children.	112 S. 18th St.
RICHARD H. HARTE, M.D., Demonstrator of Osteology.	1503 Spruce St.
ROBERT HUEY, D.D.S., Lecturer on Operative Dentistry.	330 S. 15th St.
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THOMAS R. NEILSON, M.D., Assistant Demonstrator of Anatomy, and Lecturer on Diseases of the Rectum.	329 S. 18th St.
EDMUND W. HOLMES, M.D., Demonstrator of Anatomy.	1523 Green St.
JUDSON DALAND, M.D., Instructor in Clinical Medicine.	319 S. 18th St.
ALEXANDER GLASS, V.S., Lecturer on the Theory and Practice of Canine Medicine.	2125 Sansom St.
WILLIAM L. TAYLOR, M.D., Instructor in Clinical Gynæcology.	1440 N. 12th St.
GWILLYM G. DAVIS, M.D., Assistant Demonstrator of Surgery.	1817 Mt. Vernon St.
JOHN K. MITCHELL, M.D., Instructor in Clinical Medicine.	211 S. 17th St.
JAMES E. LODER, D.D.S., Assistant Demonstrator of Operative Dentistry.	3932 Locust St.
GEORGE H. CHAMBERS, M.D., Assistant Demonstrator of Normal Histology.	739 N. 17th St.
HARRY B. McFADDEN, D.D.S., Demonstrator of Mechanical Dentistry.	3505 Hamilton St.
JAMES K. YOUNG, M.D., Instructor in Orthopædic Surgery.	222 S. 16th St

- AMBLER TEES, JR., D.D.S.,
Assistant Demonstrator of Mechanical Dentistry,
and Demonstrator of Continuous Gum Work. 548 N. 17th St.
- JOSEPH W. WHITE, D.D.S.,
Assistant Demonstrator of Operative Dentistry. 3329 Powelton Ave.
- HENRY W. CATTELL, M.D.,
Demonstrator of Morbid Anatomy. 3455 Woodland Ave.
- MILTON J. GREENMAN, PH.B., M.D.,
Lecturer on Physiology. 3731 Locust St.
- R. HAMILL D. SWING, D.D.S.,
Assistant Demonstrator of Operative Dentistry,
and Demonstrator of Anæsthetics. 674 N. 39th St.
- FREDERICK W. AMEND, JR., D.D.S.,
Assistant Demonstrator of Mechanical Dentistry. 3212 Market St.
- ROBERT FORMAD, V.M.D.,
Lecturer on Veterinary Sanitary Science and
Demonstrator of Normal and Pathological
Histology. 1008 N. 6th St.
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Instructor in Physical Diagnosis. 4656 Green St., Gtn.
- LEE K. FRANKEL, PH.D.,
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Instructor in Zoölogy. 2110 Vine St.
- EDWARD C. KIRK, D.D.S.,
Lecturer on Operative Dentistry. 1807 Chestnut St.
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Assistant Demonstrator of Anatomy. 1629 Oxford St.
- JOHN C. HEISLER, M.D.,
Prosecutor to the Professor of Anatomy, Assist-
ant Demonstrator of Obstetrics, and Curator
of Wistar and Horner Museum. 3705 Powelton Ave.
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DAVID R. GRIFFITH, Assistant Instructor in Mechanical Engineering.	2031 Columbia Ave.
CHALKLEY H. MAGILL, V.M.D., Demonstrator of Veterinary Surgery.	32 N. 3d St.
MILTON B. HARTZELL, M.D., Instructor in Dermatology.	3725 Spring Garden St.
W. CONSTANTINE GOODELL, M.D., Instructor in Clinical Gynæcology.	1418 Spruce St.
LIGHTNER WITMER, Ph.D. (Leipzig), Lecturer on Experimental Psychology.	4216 Chester Ave.
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Assistant Instructor in Zoölogy and Curator.		1826 Chestnut St.
ALEXANDER C. ABBOTT, M.D.,		
First Assistant in Hygiene.		218 St. Mark's Sq.
LEON BRINKMANN, M.D.,		
Assistant Demonstrator of Anatomy.		251 N. 18th St.
JOHN A. BOGER, M.D.,		
Assistant Demonstrator of Anatomy.		2229 N. Broad St.
WALTER I. PENNOCK, M.D.,		
Assistant Demonstrator of Anatomy.		1407 N. 17th St.
J. HOWARD REEVES, M.D.,		
Instructor in Laryngology.		2031 Chestnut St.
HERMAN B. ALLYN, M.D.,		
Instructor in Physical Diagnosis.		310 N. 40th St.
ALBERT A. GHRISKEY, M.D.,		
Assistant in Hygiene.		3920 Walnut St.

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Lecturer on the Latin Language and Literature. 205 De Kalb Sq.
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Assistant Demonstrator of Pathological Histology. 807 N. 41st St.
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Demonstrator of Comparative Physiology. University.
- B. FRANK SENSEMAN, V.M.D.,
Demonstrator of Veterinary Anatomy. 5156 Lancaster Ave.
- ZACHARIAH R. SCHOLL,
Demonstrator of Forging and Horseshoeing. University.
- C. HERBERT WILSON, D.D.S.,
Assistant Demonstrator of Mechanical Dentistry. 1245 S. 49th St.
- GUY HINSDALE, M.D.,
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Assistant to the Professor of Gynæcology. 1630 Vine St.

HOMER SMITH, A.M., Instructor in English.	3912 Pine St.
ROBERT BEALLE BURKE, A.B., Instructor in Greek.	304 N. 16th St.
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HERBERT E. EVERETT, Instructor in Drawing.	3729 Locust St.
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CHARLES WORTHINGTON, C.E., Instructor in Civil Engineering.	3715 Locust St.
A. WILLIAM SCHRAMM, B.S., M.E., Instructor in Electrical Engineering.	602 N. 2d St., Camden, N. J.
H. W. HUFFINGTON (U.S.N.A.), Instructor in Mechanical Engineering.	3923 Baltimore Ave.
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CARL A. HAMANN, M.D., Assistant Demonstrator of Anatomy.	914 N. 11th St.
ROBERT S. J. MITCHESON, M.D., Assistant Demonstrator of Anatomy.	1522 N. 15th St.
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W. A. W. TURNBULL, V.M.D., Assistant Demonstrator of Veterinary Anatomy.	University.
HILL SLOANE WARWICK, M.D., PH.D., Assistant in Hygiene.	University.

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LOUIS E. RAUCH, D.D.S.,
Assistant Demonstrator of Operative Dentistry. University.

WM. H. SALVADOR,
Clerk to the Faculty of Medicine.

JOHN A. REIMOLD,
Clerk to the Faculty of Dentistry.

OTTO REUNING,
Clerk to the College Faculty.

J. R. ANGNEY, JR.,
Clerk to the Faculty of Veterinary Medicine.

HENRY KORTENHAUS,
Registration Clerk, College Department.

ALBERT WILSON,
Messenger, College Department.

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JAMES TRUMAN, D.D.S., Professor of Dental Pathology, Therapeutics and Materia Medica.
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GEORGE A. PIERSOL, M.D., Professor of Anatomy.
JOHN MARSHALL, M.D., NAT.SC.D., Assistant Professor of Chemistry.

ROBERT HUEY, D.D.S., Lecturer on Operative Dentistry.
EDWARD C. KIRK, D.D.S., Lecturer on Operative Dentistry.
JOHN D. THOMAS, D.D.S., Lecturer on Nitrous Oxide.

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DR. GEO. W. KLUMP,	DR. H. C. REGISTER,
DR. W. G. A. BONWILL,	DR. I. F. WARDWELL,
DR. W. R. MILLARD,	DR. J. A. WOODWARD
DR. R. R. UNDERWOOD,	

DEMONSTRATORS.

WILLIAM DIEHL, D.D.S., Demonstrator of Operative Dentistry.
HARRY B. MCFADDEN, D.D.S., Demonstrator of Mechanical Dentistry.
JAMES E. LODER, D.D.S., Assistant Demonstrator of Operative Dentistry.
JOSEPH W. WHITE, D.D.S., Assistant Demonstrator of Operative Dentistry.
AMBLER TEES, JR., D.D.S., Assistant Demonstrator of Mechanical Dentistry, and Demonstrator of Continuous Gum Work.
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- CHARLES A. E. CODMAN, D.D.S., Assistant Demonstrator of Operative Dentistry.
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- JAMES G. LANE, D.D.S., Assistant Demonstrator of Crown and Bridge Work.
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- CHARLES H. BARNES, D.D.S., Assistant Demonstrator of Operative Dentistry.
- LOUIS E. RAUCH, D.D.S., Assistant Demonstrator of Operative Dentistry.
- EDMUND W. HOLMES, M.D., Demonstrator of Anatomy.
- ROBERT FORMAD, V.M.D., Demonstrator of Normal Histology.

MATRICULATES.

THIRD YEAR.

Name.	Residence.	Preceptor.
Adams, Walter B.,	Germantown,	Wistar P. Brown.
Betts, Edward P.,	Towanda,	University.
Blanchard, George R., Jr.,	Philadelphia,	University.
Cahill, Frank J.,	Trenton, N. J.,	University.
Griffith, R. Philip,	Kingston,	University.
* Hecht, Hans,	Braunschweig, Ger-	University of Berlin.
	many,	
Heiges, T. Tyrrell,	York,	J. D. Heiges.
Henneberg, Antony,	Geneva, Switzer-	University of Geneva.
	land,	
Henneberg, Samuel,	Geneva, Switzer-	University of Geneva.
	land,	
Herrera, Domingo C.,	Havana, Cuba,	University.
Lower, John P.,	Philadelphia,	University.
McDowell, Joseph M.,	Media,	H. L. Smedley.
Neebe, Charles W.,	Orange Free State,	University of Halle
	South Africa,	and Berlin.
Regardis, Guillermo,	Maturin, Venez-	University of Berlin
	uela,	and Halle.
Ricker, John R.,	Galveston, Texas,	University.

* Not in attendance.

Name.	Residence.	Preceptor.
Rosen, Jaky,	Memphis, Tenn.,	University of Breslau and Berlin.
Vergel de Dios, Antonino,	Manilla, Philippine Islands,	Ecole et Hopital Dentaire, Paris.
		Total, 17.

SECOND YEAR.

Name.	Residence.	Preceptor.
Avila, Antonio d'	S. Paulo, Brazil,	Horace M. Lane.
Barral, Marcel,	Bordeaux, France,	Henri Leys.
Bogue, Frederick L.,	Montclair, N. J.,	E. A. Bogue.
Bosworth, Madison,	Omaha, Neb.,	University.
Bowers, Frederic H.,	Freeport, Ill.,	Kingsley, Allen & Sunderland.
Butler, Harry B.,	Fulton, N. Y.,	I. C. Curtis.
Cush, John J.,	Scranton,	W. P. DeLacy.
Delabarre, Frank A.,	Conway, Mass.,	Boston Dental College
DeLong, Wilson D., M.D.,	Pikesville,	Univ. of Vermont.
Erler, Rudolph,	Rochester, N. Y.,	B. F. La Salle.
Finch, George H.,	Boydton, Va.,	R. H. Finch.
* Floyd, Andrew G., Jr.,	Spartanb'gh, S.C.,	A. O. Thomas.
Fowler, Harley B.,	Whitewater, Wis.,	American College of Dental Surgery.
Garretson, Walter R.,	Knoxville, Iowa,	C. F. Garretson.
Gauutt, Le Clerc,	Lumberton, N. J.,	W. L. Winner.
Gilman, Lewis H.,	Philadelphia,	University.
* Hanson, Arthur E., M.D.,	Rio de Janeiro Brazil,	J. S. Dilk.
Hatch, J. Irvin,	Altoona,	J. A. Hatch.
Hill, Joseph M.,	Philadelphia,	University.
Horgan, John E.,	Philadelphia,	C. F. Horgan.
Hunter, John D.,	Phoenixville,	University.
Hunter, Raymond W.,	Greenfield, Mass.,	F. W. Williams.
Keffer, Franklin M.,	Philadelphia,	Edw. I. Keffer.
Keim, Charles F.,	Omaha, Neb.,	H. H. Keim.
Kenney, Arthur T.,	St. Kilda, Australia,	D. McGregor.
Kuehn, Emil W.,	Wabasha, Minn.,	University.
Littig, Marquis D.,	Davenport, Iowa,	H. A. Littig.
Longeway, George E.	Dunham, Canada,	R. H. Berwick.
Lopez, L. Juan A.,	Guayaquil, Ecuador,	Eduardo Lopez.
McKinney, W. Ray,	Ithaca, N. Y.,	University.
Maize, Harry G.,	Mt. Carmel,	M. J. Hess.
Marfing, Edward J.,	Scranton,	University.
Marlow, Walter S.,	Wantage, England,	G. Pedley.
Matteossian, Herant B., A.B.,	Constantinople, Turkey,	University.
Mosberg, Carl,	Berlin, Germany,	University.
Newgarden, Albert,	Philadelphia,	Chas. Newgarden.

* Not in attendance.

Name.	Residence.	Preceptor.
Odell, Charles F.,	Toledo, Ohio,	E. M. Cook.
O'Donnell, Peter,	Sugar Notch,	University.
Patterson, Thurlow G.,	Syracuse, N. Y.,	University.
Phipps, Otey H.,	Paris, Texas,	University.
Portz, Charles F.,	White Haven,	H. J. Laird.
Robb, Guy C.,	Huntingdon,	G. L. Robb.
Robeson, John A.,	Westbrook, N. C.,	Watkins & Conrad.
Robinson, Thomas W.,	Brooklyn, N. Y.,	Geo. F. Emerson.
Seibel, Philip H., M.D.,	San Francisco, Cal.,	Cooper Med. College.
Sherman, William T.,	Hazleton,	W. H. Hertz.
Stein, D. Ambrose,	Reading,	University.
Stevens, Frank K.,	Clear Ridge,	A. K. Davis.
Stine, Charles E.,	Hanover,	H. C. Ruth.
Storer, John W.,	Wheeling, W. Va.,	John H. McClure.
Sturtevant, Harry C.,	Philadelphia,	Louis E. Rauch.
Taggart, Campbell C.,	Philadelphia,	D. D. Smith.
Taylor, Howard S.,	Dover, Del.,	University.
Tyndale, Harold,	Media,	University.
Trey, Victor de,	Basel, Switzerland,	Emile de Trey.
Watters, T. Frederick,	Akron, Ohio,	J. H. Laney.
Weakly, Arthur D.,	Shelbyville, Ill.,	J. A. Bowman.
Witmer, B. Frank,	Lancaster,	M. H. Musser.
Wray, William J.,	Philadelphia,	University.
Zerfing, Wilson,	Ashland,	University.
		Total, 60.

FIRST YEAR.

Name.	Residence.	Preceptor.
*Abbott, Paul W.,	Syracuse, N. Y.,	S. C. Dayan.
Aitken, William L.,	Melbourne, Australia,	University.
Angle, William P.,	Danville,	University.
Arosemena, Harmodio,	Panama, U. S. of Col.,	University.
Barrios, Carlos A.,	Rivas, Nicaragua,	University.
Bayne, Clarence S.,	Philadelphia,	University.
Best, Hass D.,	Knox,	University.
*Bowman, Harry L.,	Lancaster,	University.
Bradley, J. Lucius,	New Haven, Conn.,	W. V. Bradley.
Bradner, A. Mark,	Wissinoming,	Edw. I. Keffer.
Bushong, Charles A.,	Philadelphia,	O. P. Rex.
Carballo, Victor,	Montevideo, Uruguay,	University.
Cleaver, Harry L.,	Manatawny,	University.
Decker, Walter E.,	Towanda,	Smith & Wardell.
Dobbyn, W. E. Stanhope,	Beechworth, Australia.	University.
Donnegan, Edmund J.,	Scranton,	Charles C. Laubach.

* Not in attendance.

Name.	Residence.	Preceptor.
Dudderidge, William,	Lachute, Canada,	University.
Dudley, Jonas G.,	Worcester, Mass.,	University.
Dunbar, Adolph W.,	Brooklyn, N. Y.,	University.
Ellen, Alfred B.,	North East,	L. G. Wilder.
Elssler, John A.,	Pottsville,	J. E. Freeston.
Evans, Charles S.,	Tidioute,	University.
Faulk, Joseph E.,	Shamburg,	W. M. Coombs.
Ferris, Francis S.,	Philadelphia,	W. H. Trueman.
Freeston, J. William,	Pottsville,	J. E. Freeston.
Hagerty, Sheward,	West Chester,	J. E. Harlan.
Harris, William E.,	Lynchburg, Va.,	University.
Hassell, Newton C.,	Philadelphia,	University.
Hoenig, Edward A.,	Titusville,	J. A. Todd.
Horcasitas, J. Pedro,	Chihuahua, Mex.,	University.
Houston, Joseph M.,	Carlisle,	University.
Hurlbut, Cornelius S., Jr.,	Springfield, Mass.,	C. S. Hurlbut.
Kemple, Fred C.,	Bellaire, Ohio,	H. C. Kemple.
Kilmore, John A.,	Fairfield,	D. Stuart Watson.
Lang, Oscar,	Milwaukee, Wis.,	F. H. Emmerling.
* Low, Thomas A.,	Renfern, Canada,	University.
McCullough, L. Leal,	Urbana, Ill.,	A. L. Sanderson.
McElligott, Thomas F.,	Lancaster,	R. D. McCaskey.
Maitland, Arthur G.,	Invercargill, New Zealand,	University.
Moorhead, William J.,	Brockwayville,	R. O. Moorhead.
Morris, Wade A.,	Austin, Texas,	F. S. Casper.
Myers, Charles S.,	Lancaster,	University.
Nabers, Samuel F.,	Birmingham, Ala.,	University.
Navarro, Bernardo M.,	Matanzas, Cuba,	University.
Noble, William B.,	Millersville,	University.
Potter, Frank J.,	Wells Bridge, N. Y.,	Morgan & Le Suer.
Redway, Richard B.,	Ilion, N. Y.	F. A. Olmstead.
Ribeiro, Manuel M.,	S. Paulo, Brazil,	University.
Richards, Newton B.,	South Easton,	University.
Riley, Walter R.,	East Greenwich, R. I.,	W. R. Lamb.
Roach, Ernest W. B.,	Bridgetown, Barbados, W. I.,	University.
Robinson, William T.,	Philadelphia,	University.
Rous, Armand,	Vevay, Indiana,	University.
Sandusky, Frederick R.,	Shelbyville, Tenn.,	G. C. Sandusky.
Saxenmeyer, George B.,	Philadelphia,	University.
Shaver, J. Harry,	Marathon, N. Y.,	University.
Sorg, Daniel E.,	Pittsburgh,	J. A. J. Haupt.
Spangler, Adam C.,	Middleburg,	University.
Stanley, Rolloffe B.,	Philadelphia,	University.
Stilson, Ira B.,	Glenbrook, Conn.,	T. V. Ketchum.
Tann, Isaac R.,	Pittsburgh,	University.
Taylor, Fred G.,	Elkhorn, Wis.,	S. C. Goff.

Name.	Residence.	Preceptor.
Van Valin, Clyde A.	Fleming,	J. W. Rhone.
Walker, Albert,	Philadelphia,	University.
Watson, David S.,	Freeport, Ill.,	Kingsley, Allen & Sunderland.
Wells, Frederick M.,	Acton Vale, Can- ada,	Hyndman & Hynd- man.
Wells, William C.,	Geneva, N. Y.,	W. Lynn Adamy.
Whitlock, Charles H.,	Ithaca, N. Y.,	A. H. Fowler.
Wilson, Colin F.,	Dundas, Canada,	University.
Wishart, Edward R.,	Waterford,	University.
Woods, James B.,	Connellsville,	S. D. Woods.
Yale, William H.,	San Francisco, Cal.,	University.

Total, 72.

SPECIAL STUDENTS.

Name.	Residence.	Preceptor.
Eldredge, J. Smallwood, D.D.S.,	Cape May, N. J.,	University.
Gearhart, J. Beaver, D.D.S.,	Danville,	University.
Lopez, Josè Lúcio, D.D.S.,	Guatemala, C. A.,	University.
Ligondé Louis G., D.D.S.,	Jean-Rabel, Hayti,	University.

Students of the Third Year	17
Students of the Second Year	60
Students of the First Year	72
Special Students	4

Total 153

The total number of new matriculates the present session, including those admitted to advanced standing, is 86.

Since the foundation of the Department the total number of graduates has been 699.

SUMMARY.

Alabama	1	Guatemala, C. A.	1
Australia	3	Hayti	1
Barbados, W. I.	1	Illinois	4
Brazil	3	Indiana	1
California	2	Iowa	2
Canada	5	Massachusetts	4
Connecticut	2	Mexico	1
Cuba	2	Minnesota	1
Delaware	1	Nebraska	2
Écuador	1	New Jersey	4
England	1	New York	12
France	1	New Zealand	1
Germany	2	Nicaragua	1

SUMMARY.—(Continued.)

North Carolina	1	Texas	3
Ohio	3	Turkey	1
Orange Free State	1	Uruguay	1
Pennsylvania	67	U. S. of Colombia	1
Philippine Islands	1	Venezuela	1
Rhode Island	1	Virginia	2
South Carolina	1	West Virginia	1
Switzerland	3	Wisconsin	3
Tennessee	2	Total	153

COURSE OF STUDY.

The course extends over three years, and in each year there are two sessions; the first, or regular Winter Session, extending from October to May—seven months. This is followed by a short Spring Session, which is of a practical character, and confined entirely to the Operating and Mechanical rooms. This course closes the last of June.

During the Winter Session the following is the arrangement of studies:

ORDER OF LECTURES AND PRACTICAL WORK.

FIRST YEAR.

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9 A.M.	Chemistry.	Chemistry.	Laboratory of Mechanical Dentistry.		Osteology.	Laboratory of Mechanical Dentistry.
10 A.M.	Laboratory of Mechanical Dentistry.	Laboratory of Mechanical Dentistry.		Chemical. Laboratory Three H'rs.	Laboratory of Mechanical Dentistry.	
11 A.M.						
12 M.	Practical Normal Histology. One Section Two Hours.	Practical Normal Histology. One Section Two Hours.	Practical Normal Histology. One Section Two Hours.	Practical Normal Histology. One Section Two Hours.	Practical Normal Histology. One Section Two Hours.	Dental Materia Medica.
1 P.M.	Practice in Operative Dentistry.	Practice in Operative Dentistry.	Practice in Operative Dentistry.	Practice in Operative Dentistry.	Practice in Operative Dentistry.	
3½ P.M.	Anatomy.	Anatomical Demonstrat	Anatomy.		Anatomy.	
4½ P.M.	Physiology.	Operative Dentistry.	Physiology.	Operative Dentistry.	Physiology.	
5½ P.M.	Mechanical Dentistry.		Mechanical Dentistry, until Jan. 1. Metallurgy, after Jan. 1.			

For the study of Practical Histology the class is divided into sections, one of which is occupied at a time. Those of the First-year students not thus engaged attend the Mechanical Clinics.

SECOND YEAR.

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9 A.M.	Operative and Mechanical Clinics and Instruction in Crown and Bridge Work.	Operative and Mechanical Clinics and Instruction in Crown and Bridge Work.	Operative and Mechanical Clinics and Instruction in Crown and Bridge Work.	Operative and Mechanical Clinics and Instruction in Crown and Bridge Work.	Operative and Mechanical Clinics and Instruction in Crown and Bridge Work.	Operative Clinic.
10 A.M.						
11 A.M.						
12 M.			Medical and Surgical Clinics, University Hospital.			Medical and Surgical Clinics, University Hospital.
1 P.M.	Operative Clinic.	Operative Clinic.		Operative Clinic.	Operative Clinic.	
3½ P.M.	Anatomy.		Anatomy.		Anatomy.	
4½ P.M.	Physiology.	Operative Dentistry.	Physiology.	Operative Dentistry.	Physiology.	
5½ P.M.	Mechanical Dentistry.		Mechanical Dentistry, until Jan. 1. Metallurgy, after Jan. 1.		Dental Pathology and Therapeutics.	

The curriculum of the first and second years is identical for Medical and Dental students so far as Chemistry, Histology, Anatomy and Physiology are concerned.

THIRD YEAR.

<i>Hour.</i>	<i>Monday</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9 A.M.	Operative Clinic and Clinical Practice in Crown and Bridge Work.	Operative Clinic and Clinical Practice in Crown and Bridge Work.	Operative Clinic and Clinical Practice in Crown and Bridge Work.	Operative Clinic and Clinical Practice in Crown and Bridge Work.	Operative Clinic and Clinical Practice in Crown and Bridge Work.	Operative Clinic.
10 A.M.						
11 A.M.						
12 M.			Medical and Surgical Clinics, University Hospital.			Medical and Surgical Clinics, University Hospital.
1 P.M.	Operative Clinic.	Operative Clinic.		Operative Clinic.	Operative Clinic.	
2 P.M.			Operative Clinic.			
3½ P.M.						
4½ P.M.		Operative Dentistry.		Operative Dentistry.		
5½ P.M.	Mechanical Dentistry.		Mechanical Dentistry, until Jan. 1. Metallurgy after Jan. 1.		Dental Pathology and Therapeutics.	

OPERATING-ROOM, LABORATORIES, ETC.

The department possesses the means for thorough training, both theoretical and practical, not surpassed, it is believed, by any other institution. The Operating-Room is 140 feet in length by 40 feet in width, and lighted by windows on all sides. In front of each window are placed a Morrison chair, a handsome nickel-plated movable bracket, and a neat walnut table. Battery wires are arranged to a number of the chairs for the use of electric pluggers.

The Mechanical Laboratory is supplied with all modern appliances, and is under the care of able and experienced mechanics. Special clinics will be given in continuous gum and crown and bridge work.

The extensive Chemical Laboratories are under the charge of the Assistant Professor of Chemistry.

The Dissecting-Room is large, well lighted, thoroughly ventilated, and is furnished with ample material for the successful prosecution of anatomical studies.

In order to facilitate work in the practical departments, and to fully employ the student's time, the regular winter sessions are so arranged that the first-course student is required to devote the morning hours equally between *dental, histological, and chemical laboratory work*.

During the second and third years the student has the entire forenoon of each day for practical dental work. Ample opportunity is afforded for practice in operative and mechanical dentistry. In the latter branch, the students of the first year are divided into sections, thus devoting the time not otherwise engaged to practice in the operative and mechanical rooms.

It is believed that this plan of *grading the course*, and of affording the First-year student an opportunity of coming forward for examination in the branches of chemistry, histology, and materia medica, and the Second-year student upon anatomy and physiology, will not only prove an economical arrangement of his time, but will really facilitate his labors in the acquirement of knowledge in the remaining branches.

OUTLINE OF THE COURSE, SESSION 1893-94.

The First-year students will be required to attend the following branches and pass final examinations upon Materia Medica, Chemistry and Histology at the close of the term. If the student fail to pass, a second examination is afforded him at the beginning of the next Winter Session.

1. Chemistry, in the Chemical Laboratory, three hours, Thursday morning, and the lectures on this branch Monday and Tuesday of each week.

2. Dental Materia Medica. One lecture, Saturday of each week.
3. General and Special Histology in the Histological Laboratory, two hours, and Anatomical Demonstrations, one hour each week.
4. The morning hours, not otherwise occupied, will be devoted to practical work in the Mechanical Laboratory.
5. On the afternoon of each week-day, except Saturday, the students of the First-year class will be trained in operative work, either out of the mouth on extracted teeth, or in simple cavities in the living subject.
6. They will, in addition to subjects named, attend lectures on Osteology, Anatomy, Physiology, Operative and Mechanical Dentistry.

SECOND YEAR.

1. Students of the Second year will repeat Anatomy and Physiology, Operative and Mechanical Dentistry, and add thereto Dental Pathology and Therapeutics.
2. They will repeat Operative and Mechanical Work, with the privilege of the Operating-Room and appliances during the morning, as well as the afternoon clinics.
3. The final examinations of the Second year, at the close of the term, will be upon Anatomy and Physiology.

THIRD YEAR.

1. Students of the Third year will repeat the practical work in Operative and Mechanical Dentistry, and the lectures on these subjects, together with Dental Pathology and Therapeutics.
2. At the close of the term they will be required to pass examinations in these branches.

COURSE OF INSTRUCTION.

The lectures on OPERATIVE DENTISTRY AND DENTAL HISTOLOGY embrace the comparative anatomy of the teeth, the functions and microscopical peculiarities of the dental organs, the development of teeth, their component tissues, a full description of the materials and instruments used in operative dentistry, a thorough elucidation of all dental operations, such as filling, extracting, regulating, the pathological relations of the teeth to the other parts of the system, and a minute description of all diseases related to dental surgery or of interest to the dentist. The methods taught are demonstrated in clinics.

The instruction in MECHANICAL DENTISTRY AND DENTAL METALLURGY embraces the proper fitting up of a dental laboratory, the use of tools, the melting, refining, alloying and working of metals and alloys used by the dentist; the chemical and physical properties of

materials pertaining to ceramic dentistry, their preparation, and the most approved formulas for compounding bodies and enamels for the manufacture of block teeth and continuous gum work; the history and properties of all substances used in making artificial dentures, as well as the mechanical treatment of cleft palate, including the several methods of constructing obturators for such cases, whether congenital or acquired. The lectures in this department also include every approved mechanical means of correcting irregularities of the teeth, and are amply illustrated by specimens, models, diagrams, and practical application in the laboratory, under the supervision of accomplished mechanical dentists. Special attention will be directed to crown and bridge work, the higher branches of plate work, the continuous gum process, and carving teeth.

Every student is required to furnish his own bench tools for metal and rubber work, and will be provided with a place in which they can be locked when not in use.

The lectures on CHEMISTRY embrace the study of chemical physics and principles of chemical philosophy, together with a detailed consideration of the principal elementary substances and their compounds, and of the fundamental principles of organic chemistry, including the classification of organic compounds, and the special study of typical members of the different classes. Special attention is also given to the laws of chemical affinity, and the conditions under which they are modified, especially as they relate to the preparation of mixtures and prescriptions.

The course in practical chemistry in the laboratory includes exercises in chemical manipulation, the study of the chemical properties of the principal metals, the reactions of acids and their combinations, and the general principles of qualitative analysis, especially as they relate to the detection and separation of the metals and compounds which are of interest to practitioners in all branches of dentistry. Each student is provided with a separate table and apparatus, and is required to perform all the usual chemical manipulations under the direction of demonstrators, as well as to exhibit by formulas, on paper, all reactions involved in his tests.

HUMAN ANATOMY is taught in its relations to all the departments of medicine, including dentistry. The lectures are illustrated by fresh dissections of the human body, and by a rich museum of anatomical specimens, large and well-executed models, and drawings.

The course on PHYSIOLOGY includes lectures, with demonstrations, on the entire human physiology and on physiological chemistry. The study of the physiology of each organ is preceded by a full consideration

of its histology. The course is amply illustrated by appropriate diagrams, chemico-physiological experiments, and vivisections.

The lectures on DENTAL PATHOLOGY include such portions of general pathology as have a bearing upon the special subjects taught.

Dentition and its possible pathological results receive careful attention, followed by a detailed consideration of all the diseases to which the teeth and surrounding parts are liable, the character—normal and abnormal—of the oral secretions, and the direct and remote relations which the pathological conditions of the mouth sustain to other portions of the system.

The treatment required under each head is explained, and the recognized processes by which to secure a return to normal conditions are minutely detailed.

MATERIA MEDICA will be taught with special reference to the character and value of those remedies that have any bearing upon dental therapeutics.

In addition to the lectures and demonstrations by the Professor of Anatomy, practical instruction in General and Special HISTOLOGY will be given in the histological laboratory to the students of the first year, the class being divided into sections. The laboratory is furnished with excellent microscopes, and all apparatus necessary to enable the student to become familiar with the most approved methods of microscopical technology, as well as with the minute structure of all the tissues and organs. Especial facilities are afforded for original research ; for this purpose the laboratory is open throughout the year, except during July and August.

CLINICAL INSTRUCTION.

Seven hours daily (except Saturday) are spent in actual practice under the supervision of the Demonstrators ; on Saturdays, from 9 A.M. to 1 P.M. Every student is required to provide his own instruments, except those for extracting. He is expected to keep them in perfect order, and will be furnished with a place in which they can be locked when not in use.

The preparation of Crown and Bridge Work, and Continuous Gum Dentures, will be under the charge of specially qualified Demonstrators. The increasing demand for both these forms of artificial appliances has rendered necessary enlarged facilities for instruction in metal working in the mechanical laboratory, and the students are required to become familiar with the manipulation of metals equally with the preparation of other and more common materials.

INFIRMARY AND LABORATORY.

The Infirmary and Laboratory are open to the students for practice every day during the week, excepting Saturday afternoon, this being reserved for Clinics that may be given by members of the faculty or instructors.

The Infirmary and Laboratory are open throughout the year, except during July and August.

THE LIBRARY.

The new Library Building is now completed. The Stillé Medical Library has been removed to the spacious department devoted to the books belonging to the University.

The Library Building has been erected in the most substantial manner and, at the same time, with an architectural elegance probably not surpassed by any building devoted to a similar purpose in the country. The various valuable collections belonging to the University will be deposited there in special rooms prepared for the purpose.

The students have free access to the Reading-room.

MUSEUM AND CABINETS.

THE WISTAR AND HORNER MUSEUM, founded nearly one hundred years ago, and annually augmented, is unequalled in the United States for the number and variety of its specimens of the normal and the morbid anatomy of the human body. It also contains a large number of preparations in Comparative Anatomy, a rich collection relating to Dentistry, such as the different stages of dentition, abnormal conditions of the teeth, mandibles of the lower animals, etc., and an extensive collection of models. It is open every week-day from 1 P.M. to 3.30 P.M., throughout the sessions. The matriculation fee in this department confers admission to the Museum.

ARRANGEMENT OF SESSIONS.

The Collegiate Year is divided into two sessions : First, the Winter Session, on which alone attendance is required ; and, second, the Spring Session.

The *Spring Session*, 1893, begins on Monday, May 8th, and ends the last of June. The work of this session is entirely practical ; no lectures are delivered.

The *Winter Session*, 1893-94, begins on Monday, October 2d, 1893, and ends at Commencement, early in May, 1894.

Students are earnestly requested to be in attendance at the beginning of the Winter Session, as later entrance is attended with serious loss in lectures and practical work.

CONDITIONS OF ADMISSION.

Candidates for admission are required : *First*, to write an essay (not exceeding a page of foolscap), as a test of Orthography and Grammar ; *second*, to pass an examination in the English branches—viz., Grammar, Arithmetic, History and Geography.

A candidate who has received a collegiate degree, or passed the matriculate examination of a recognized college, or who has a certificate from a normal, high or grammar school, or a teacher's certificate, properly attested, may enter without examination.

Students who have attended one full term in another dental school recognized by the Faculty, or who have attended one or more courses in a reputable medical college, will be admitted to the Second year, subject to the rules governing examinations.*

Graduates of a recognized medical school will be admitted to the Second-year class without examination.

GRADUATION.

At the close of the Third year, a student who has passed all examinations satisfactorily receives the Degree of Doctor of Dental Surgery (D.D.S.), on the following conditions :

I. He must be of age and of good moral character.

II. He must have passed a satisfactory examination in all the branches of the curriculum, must have attended the practical instruction in all departments, and his last course of instruction must have been at this school.

III. He must have dissected at least two parts, must have performed thoroughly, and to the satisfaction of the Professor of Operative Dentistry all the usual dental operations, must have undertaken at least one artificial case, and brought it completed, with the patient, to the Professor of Mechanical Dentistry, thirty days before the close of the term, and must have prepared for presentation to the Professor of Mechanical Dentistry, before the 1st of April, a specimen case to be deposited in the College collection. The operations, as well as the work on the artificial case, must have been performed at the College Building.

IV. After notice of having successfully passed the final examination, he must enter his name on the Register of Candidates for the Degree.

V. He must be present at Commencement, unless excused by the Dean of the Faculty.

* All applicants for advanced standing must pass the examinations of the years they desire to omit, or furnish proof that they have passed *equivalent* examinations in some recognized dental or medical school.

TEXT-BOOKS AND WORKS OF REFERENCE.

- On Operative Dentistry and Dental Histology:* Harris' *Principles and Practice*; Tomes' *Dental Surgery*; Taft's *Operative Dentistry*; Tomes' *Dental Anatomy*; Guilford's *Orthodontia*; Farrar's *Irregularities of the Teeth and their Correction*.
- On Mechanical Dentistry and Metallurgy:* Richardson's *Mechanical Dentistry*; Wildman's *Instruction in Vulcanite Work*; Kingsley's *Oral Deformities*; Essig's *Dental Metallurgy*.
- On Anatomy:* Leidy's *Elementary Treatise on Human Anatomy*; Gray's *Anatomy*.
- Dental Follicle:* Legros and Magitot, translated by M. S. Dean.
- On Chemistry:* Marshall's *First Year Notes*; Medicus *Qualitative Analysis*; Fownes' or Wurtz's *Chemistry*; Wormley's *Micro-Chemistry of Poisons*; Mitchell's *Dental Chemistry*.
- On Physiology:* Foster's *Physiology* with Frey's *Compendium of Histology*; Tyson's *Cell Doctrine*; Yeo's *Physiology*.
- On Materia Medica:* H. C. Wood's *Therapeutics*; Gorgas' *Dental Medicine*; Geo. B. Wood's *Therapeutics*; Wood and Bache's *Dispensatory*.
- On Surgery:* Agnew's *Surgery*; Ashhurst's *Surgery*; Billroth's *Surgical Pathology*.
- On Histology:* Klein's *Histology*; Miller's *Micro-Organisms of the Human Mouth*.

EXPENSES.

WINTER TERM.

First Year.

Matriculation Fee (paid once only)	\$5 00
Tuition Fee	100 00

Second Year.

Tuition Fee	\$100 00
Fee for Dissection	10 00

Third Year.

Tuition Fee	\$100 00
Graduation Fee	30 00
For each additional year	\$100 00

The payment of the \$100 Tuition Fee may be divided as follows: \$50 on entering, and the balance on or before November 1st. If any part is left unpaid after this date, \$10 will be added to the Tuition Fee.

At the beginning of the first year, each student is required to make a deposit of five dollars with the Professor of Chemistry, to cover

"breakage" in the chemical laboratories. Any balance remaining is returned. At least twenty-five dollars must be paid on account of tuition, before the student can be admitted to the Chemical Laboratory.

Instruments for the first year can be procured at from \$35 to \$50. A Dental Engine for the second year, costing from \$30 to \$50, will complete the outfit. These instruments will all be required in general practice.

Board can be obtained in Philadelphia for \$4 per week and upward. Further information may be obtained from

JAMES TRUMAN, Dean,

3243 Chestnut Street, Philadelphia, Pa.

JOHN A. REIMOLD,

Clerk, University.

The subjoined reports give some conception of the character and of the mass of work performed in the Operative and Mechanical Departments; but the amount of costly material and of careful attention necessary for the insertion of 5,533 gold fillings can be appreciated only by the experienced operator.

The number of patients (8,536) exhibits not only a gratifying confidence in the management of these departments, but also the value of the service to a large class of persons of limited means.

OPERATIVE DEPARTMENT.

SESSION OF 1891-92.

Number of Patients 8,536.

Gold Fillings	5,533
Tin Fillings	1,497
Cement Fillings	1,718
Amalgam "	642
Gutta Percha Fillings	857
Canal Fillings	368
Pulps capped	394
" devitalized	333
" extracted	341
Pulpitis	972
Treatment Pulp Canals	1,257
Pericementitis	145
Alveolar Abscess	129
Inflammation of Gums	219
Pyorrhœa Alveolaris	143
Irregularities Corrected	138
Salivary Calculi	1,321
Teeth and Roots extracted	5,179

Total 21,186

Amount of gold used for fillings, and exclusive of that used for plate and crown work in Laboratory, 69 ounces (5 lbs. 9 ounces).

MECHANICAL DEPARTMENT.

SESSION OF 1891-92.

Full cases	348
Partial cases	204
Pivot teeth and Crown Work	146
Repairing cases	39
Regulating "	24
Gold Bridge Work	33
Total	794

DEGREES IN COURSE.

MAY 6, 1892.

DOCTOR OF DENTAL SURGERY.

Name.	Post Office.	State.
Armada, Carlos A. de,	Rio de Janeiro,	Brazil.
Ayers, Josiah,	Union Roads,	P. Ed. Island.
Baer, Harry K.,	Kready,	Pennsylvania.
Beitzel, Walter G.,	Atchison,	Kansas.
Benninghoff, Joseph L.,	Greenville,	Pennsylvania.
Berger, Johannes,	Görlitz,	Germany.
Bodine, Fred M.,	Wellsboro,	Pennsylvania.
Bond, Francis H.,	Hazleton,	Pennsylvania.
Bonwill, Edward W.,	Philadelphia,	Pennsylvania.
Bowen, John J.,	Providence,	Rhode Island.
Brown, Andrew Law,	New Haven,	Connecticut.
Christensen, Wilhelm E.,	Nyborg,	Denmark.
Clark, Frank T.,	South Easton,	Pennsylvania.
Coen, Edward B.,	Bloomington,	Illinois.
Condict, Frederick L.,	Dover,	New Jersey.
Cook, Frank P.,	Fayette City,	Pennsylvania.
Cooper, William M.,	Port Perry,	Pennsylvania.
Crankshaw, Charles W.,	Norristown,	Pennsylvania.
Danforth, Joseph T.,	Warren,	Pennsylvania.
Diefenderfer, Victor H.,	New Castle,	Pennsylvania.
Dreher, Jeremiah H.,	Mt. Pleasant,	North Carolina.
Eldredge, J. Smallwood,	Cape May,	New Jersey.
Ernsmere, John B.,	Rochester,	New York.
Flexer, Richard J.,	Allentown,	Pennsylvania.
Gearhart, J. Beaver,	Danville,	Pennsylvania.

Name.	Post Office.	State.
Gilbert, Lewis H.,	Rochester,	New York.
Goddard, Henry Ernest,	Nottingham,	England.
Grubb, A. Herbert,	West Chester,	Pennsylvania.
Gunn, William,	Timaru,	New Zealand.
Hamilton, Harry B.,	Ithaca,	New York.
Hart, Arch Coombs,	Pacific Grove,	California.
Hause, Edward B.,	Milton,	Pennsylvania.
Haynes, Melvin G.,	Centralia,	New York.
Hine, Robert H.,	New Haven,	Connecticut.
Holmes, Walter T.,	New Haven,	Connecticut.
Hotz, Paul,	Zürich,	Switzerland.
Ives, A. Scott,	Sherbrooke,	Canada.
Joachim, Edward B.,	Philadelphia,	Pennsylvania.
Johnson, George H., Jr.,	Nassau,	Bahamas.
Johnson, Oakley,	Walla Walla,	Washington.
Johnston, H. Frank,	Belleville,	Canada.
Kittams, James H.,	Ilion,	New York.
Kniewel, Johannes,	Danzig,	Germany.
Landsberg, Bernhard,	Darmstadt,	Germany.
Lapp, Elbert W.,	Philadelphia,	Pennsylvania.
Lawton, Burtis E.,	Omaha,	Nebraska.
Lemker, W. J. ter Kuile,	Enschede,	Holland.
Leonhardi, Charles J.,	Sacramento,	California.
Le Suer, William J.,	Oneonta,	New York.
Ligondé, Louis G.,	Jean-Rabel,	Hayti.
López, José Lúcio.,	Guatemala,	Central America.
Lukens, Clarence D.,	Muscatine,	Iowa.
Lynch, Patrick F.,	Wilkes-Barre,	Pennsylvania.
Matthey, Edouard,	Brévine,	Switzerland.
Middaugh, W. Clay,	Easton,	Pennsylvania.
Mitchell, Vethake E.,	London,	Ohio.
Murto, Frank D.,	Pittsburgh,	Pennsylvania.
Nellis, George H.,	Union,	New York.
Newgarden, Charles,	Philadelphia,	Pennsylvania.
Parshall, Edward E.,	Tidioute,	Pennsylvania.
Phipps, Harry D.,	Paris,	Texas.
Protsman, Albert B.,	Vevay,	Indiana.
Richards, John W.,	Ransom,	Pennsylvania.
Ridgway, Shessie Worth,	Coatesville,	Pennsylvania.
Ross, Alfred T.,	Philadelphia,	Pennsylvania.
Rymer, James Francis,	Croydon,	England.

Name.	Post Office.	State.
Saunders, T. Darwin	Rochester,	New York.
Schoff, P. Frank,	York,	Pennsylvania.
Segar, J. Clark,	New Haven,	Connecticut.
Seymour, Robert J.,	Arkona,	Canada.
Skillman, E. Harvey,	Union,	New York.
Smith, A. Fowler,	Auburn,	New York.
Sowash, W. Harry,	Irwin,	Pennsylvania.
Stathers, James R.,	Wheeling,	West Virginia.
Stewart, Charles A.,	Tremont,	Pennsylvania.
Swing, Harry R.,	Coatesville,	Pennsylvania.
Wardell, Frank C.,	Towanda,	Pennsylvania.
Whitlock, Edward P.,	Scranton,	Pennsylvania.
Whitmer, S. Edwin,	Newport,	Pennsylvania.
Willis, Albert Lincoln,	Walla Walla,	Washington.
Wimmer, George J.,	Macungie,	Pennsylvania.
Windmüller, Percival,	Hamburg,	Germany.
Witthaus, Carl,	Osnabrück,	Germany.
Wuensche, Eugen C.,	Oberkunnorsdorf,	Germany.
		Total, 84.

JUNE 16, 1892.

Name.	Post Office.	State.
Carey, Stephen H.,	Philadelphia,	Pennsylvania.
Elfers, Henry,	Hamburg,	Germany.
Nicodemi, Achille Ribolla,	Palermo,	Italy.
Samaniego, Mariano Nicolas,	Juarez,	Mexico.
Taylor, D. Everett,	New Haven,	Connecticut.
		Total, 5.

SUMMARY.

Bahamas 1	Illinois 1	Ohio 1
Brazil 1	Indiana 1	Pennsylvania 34
California 2	Iowa 1	Prince Edward Island . 1
Canada 3	Italy 1	Rhode Island 1
Connecticut 5	Kansas 1	Switzerland 2
Denmark 1	Mexico 1	Texas 1
England 2	Nebraska 1	Washington 2
Germany 7	New Jersey 2	West Virginia 1
Guatemala, C. A. . 1	New York 10	—
Hayti 1	New Zealand . . . 1	Total 89
Holland 1	North Carolina . . 1	

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William J. Le Suer	New York.
Walter G. Beitzel	Kansas.
George H. Nellis	New York.
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Edward B. Coen	Illinois.
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Frank D. Murto	Pennsylvania.
A. Fowler Smith	New York.
George H. Johnson, Jr.	Bahamas.
Charles Newgarden	Pennsylvania.
Albert L. Willis	Washington.
S. Edwin Whitmer	Pennsylvania.
John J. Bowen	Rhode Island.
William Gunn	New Zealand.
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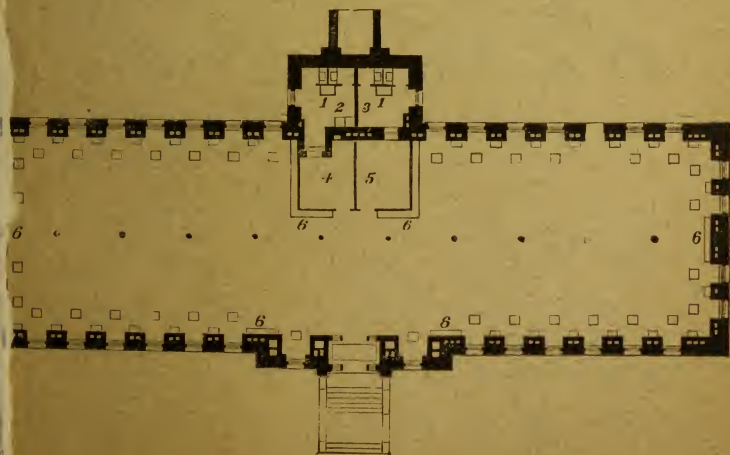
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